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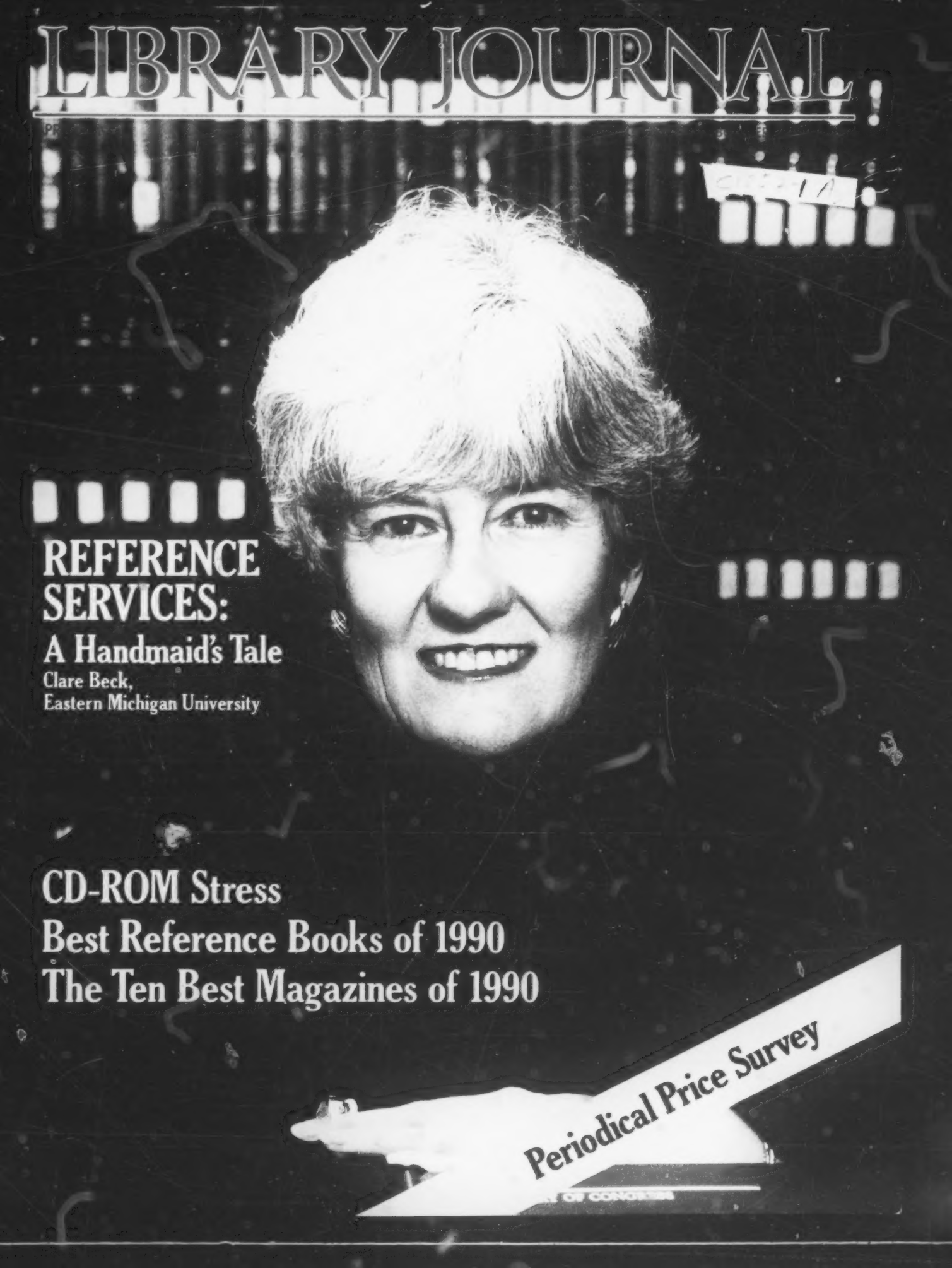

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Eastern Michigan's Clare Beck describes the historical implications of women in reference work and states that reference service still suffers from that stereotype. Read "Reference Services: A Handmaid's Tale" on page 32.

PHOTOGRAPH BY ERIC SMITH

April 15, 1991

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LIBRARY MARKET OUTLOOK

BY DEBORAH SELSKY

Book Title Output on the Decline, While Prices Remain Stable

Book title output dropped precipitously in 1990, according to preliminary estimates from R.R. Bowker (publishers of *Books in Print*). Historically, the preliminary estimate represents 86 percent of the final figure. If this holds true for 1990, the final figure will come in at 45,500 titles—10,000 fewer titles than the 1988 total of 55,483.

The final figures show that 53,446 titles were produced in 1989, including individual book titles and new editions. This nearly 2000-title drop from the 1988 total represents the largest decline since 1984.

Variations by category

Despite this total decline, several of the Dewey Decimal classified categories made impressive jumps in title output. Categories that increased the most were medicine and travel, each gaining more than 40 percent additional titles. Other subjects that increased include fiction, juvenile books, literature, and philosophy/psychology.

By category, sociology and economics titles remain in the number one spot with 7,971 titles in 1989. The next largest categories in descending order were fiction (5,941), medicine (5,437), and juvenile (5,413) book titles.

Sociology and economics books dominate the imported title market also, with some 22 percent of the total. The next largest import categories are science, medicine, and technology. The number of imported book titles also declined in 1989, corresponding to an overall falloff in imports. In fact, the number of imported titles stood at its lowest level since 1985.

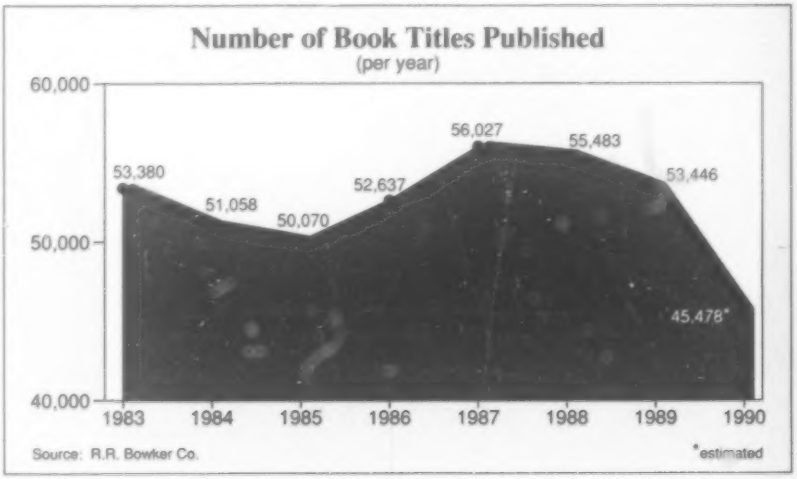
Prices hold steady

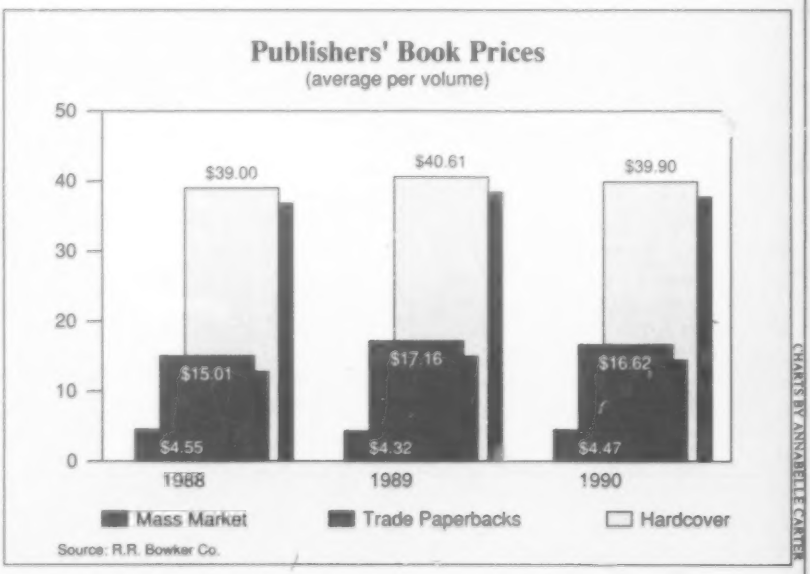
U.S. book publishers have kept price increases to a minimum. Average per volume prices of mass market paperbacks actually declined in 1989. Among hardcover and paperback trade books, prices rose slightly, on average. Prices of hardcover books whose average unit price is less than $81 also declined from 1988 to 1989.

Preliminary price data for 1990 show average per volume prices increasing slightly for hardcover trade and mass market paperback books. Trade paperbacks, on the other hand, saw a slight drop.

With the pervasive economic slowdown, publishers will have a hard time increasing their prices over the coming year. Expect average book prices to remain on par with 1990. The exceptions will be those book categories that remain in high demand, like juveniles and technology titles.

Deborah Selsky is an economist with Cahners Economics, which provides industry analyses and forecasting services for the markets its magazines serve





CHARTS BY ANNABELLE CARTER

For 31 years, the Library Materials Price Index Committee has monitored periodical prices for libraries

Price Index for U.S. Periodicals

The 31st Annual Survey of U.S. Periodical Prices

By Kathryn Hammell Carpenter & Adrian W. Alexander

THE 1991 U.S. Periodical Price Index is the 31st annual study sponsored by the Library Materials Price Index Committee (LMPIC) of the Association for Library Collections and Technical Services (ALCTS), a division of the American Library Association. For the seventh consecutive year, the price index is based on subscription price information supplied, compiled, and analyzed by the Faxon Company, which shares the committee's concern and interest in serials pricing trends.

The Periodicals Price Index accompanies the U.S. Serials Services Index, which appears in this issue of *LJ* under the supervision of Stella A. Bentley of the University of California at Santa Barbara, who currently serves as chair of LMPIC. Together,

Kathryn Hammell Carpenter is Bibliographer for the Health Sciences and Associate Professor at the University of Illinois at Chicago, and Adrian W. Alexander is Regional Manager and Marketing Communications Coordinator, Academic Information Services, The Faxon Company. Both authors presently serve as consultants to the Library Materials Price Index Committee of the American Library Association

1991

these two annual studies follow guidelines, definitions, and criteria established in the ANSI standard (Z39.20-1983) for price indexes.[1] (For more on the whys and hows of our methodology, see "Purpose, Scope, and Methodology" on p. 54.)

Ongoing responsibility for continuing the price indexes for periodicals and serials services rests with the ALA/ALCTS Library Materials Price Index Committee. Comments may be addressed to Stella A. Bentley, University of California at Santa Barbara, Santa Barbara, CA 93106.

Significant changes for this year

Analysis of this year's periodical price index shows a significant change in the pattern of price increases over the last few years. The 1991 average price for U.S. periodicals (excluding Soviet Translations) is $104.36, or 11.7 percent higher than the 1990 average price of $93.45. This represents a 23 percent jump in the rate of price increase over what was experienced in both 1990 and 1989 (9.5 percent). Furthermore, it marks the first time since 1983 that the sample has yielded a double-digit rate of increase, as indicated in Table VII.

The inclusion of 211 Soviet Translation titles brings the 1991 average price to $138.53, which is 11.1 percent higher than the 1990 average price of $124.74, and represents an 18 percent jump in the rate of price increase. Unlike the average price excluding translations, this inclusive average price has experienced double-digit increases in the more recent past, as the 1987 price increased by 10.3 percent over the previous year.

Table I: Subject Categories Ranked by Average 1991 Subscription Price

Rank 1988	Rank 1989	Rank 1990	Rank 1991	Category	Average Subscription Price, 1991
1	1	1	1	Soviet Translations	$742.86
2	2	2	2	Chemistry & Physics	472.84
3	3	3	3	Medicine	249.94
4	4	4	4	Mathematics, etc.	209.55
5	5	5	5	Zoology	172.56
6	6	6	6	Engineering	160.13
7	7	7	7	Psychology	135.40
8	8	8	8	Sociology & Anthropology	88.69
9	9	9	9	Home Economics	74.11
10	11	10	10	Business & Economics	70.87
11	10	11	11	Journalism & Communications	62.81
12	12	12	12	Library & Information Sciences	62.73
13	13	13	13	Education	62.43
14	15	14	14	Industrial Arts	60.96
15	14	15	15	Labor & Industrial Relations	57.59
16	16	16	16	Law	53.30
17	17	17	17	Political Science	52.81
18	18	18	18	Agriculture	42.36
19	19	19	19	Fine & Applied Arts	38.61
20	20	20	20	History	38.35
21	21	21	21	Physical Education & Recreation	34.64
23	23	24	22	Literature & Language	32.99
24	24	23	23	Philosophy & Religion	32.91
22	22	22	24	General Interest Periodicals	32.25
25	25	25	25	Children's Periodicals	18.38
				U.S. Periodicals Index Excluding Soviet Translations	$104.36
				U.S. Periodicals Index Including Soviet Translations	$138.53

Table II: Subject Categories Ranked by Annual Subscription Price Percent Increases

Rank 1988	Rank 1989	Rank 1990	Rank 1991	Category	Percent Increase 1989 over 1988	Percent Increase 1990 over 1989	Percent Increase 1991 over 1990
5	3	12	1	Engineering	11.8	8.2	15.3
3	6	15	2	Home Economics	11.3	5.8	14.9
15	7	8	3	Medicine	10.3	9.4	14.7
4	5	4	4	Chemistry & Physics	11.5	12.1	14.6
16	23	1	5	Sociology & Anthropology	3.8	16.3	14.3
2	4	12	6	Zoology	11.6	8.2	12.2
14	14	9	7	Business & Economics	7.5	9.2	12.1
16	8	3	8	Industrial Arts	10.2	12.3	11.5
9	11	11	9	Mathematics, etc.	8.7	8.7	11.3
6	15	7	10	Education	7.3	9.5	10.8
7	21	10	11	Soviet Translations	5.0	9.1	9.5
16	19	16	12	Library & Information Sciences	5.5	5.3	9.4
1	1	19	13	Labor & Industrial Relations	15.0	4.1	9.2
9	16	6	14	History	7.0	10.0	8.0
8	2	8	15	Psychology	13.9	9.4	8.0
13	22	19	16	Literature & Language	4.9	4.1	7.7
12	20	14	17	Physical Education & Recreation	5.4	6.8	7.6
18	18	13	18	Philosophy & Religion	5.6	7.5	7.0
20	12	5	19	Political Science	8.4	10.3	6.3
10	17	8	20	Law	6.2	9.4	5.9
11	24	20	21	Children's Periodicals	3.4	3.3	5.0
17	13	17	22	Fine & Applied Arts	8.1	5.2	4.7
21	21	17	23	General Interest Periodicals	5.0	5.2	3.2
19	10	18	24	Journalism & Communications	8.9	4.7	3.2
11	9	2	25	Agriculture	9.1	15.9	-0.2
				U.S. Periodicals Index Excluding Soviet Translations	9.5	9.5	11.7
				U.S. Periodicals Index Including Soviet Translations	8.2	9.4	11.1

The means that justify our ends

Purpose, Scope, and Methodology

THE PURPOSE OF this index and its accompanying tables and analysis is to measure changes in average U.S. periodical prices in a historical context. The information provided here is of use to librarians who must prepare annual budget requests for serials, as well as those involved in analyzing serials pricing trends over a period of years.

The results of this study are based on a selected sample of 3,942 periodical titles published in the United States, each of which has an established subscription price and which fulfills the definition of a periodical established in ANSI Z39.20-1983 as "a publication that constitutes one issue in a continuous series under the same title, published more than once a year over an indefinite period, with individual issues in the series numbered consecutively or with each issue date. Newspapers are excluded."

Consistency with previous years' indexes is assured by maintaining the same periodical title sample, except for those titles that ceased publication or otherwise changed for the 1991 subscription year and which no longer conform to the standard. Serial services, microform editions, electronic journals, annuals, and serials publications not adhering to the ANSI Z39.20-1983 definition of periodicals are excluded from the survey. Periodicals that change title are considered the same publication if volume numbering remains continuous.

Because of the need to maintain continuity of current price index data with that presented in previous studies in this series, no additional periodical titles over and above the selected sample of 3,942 titles have been analyzed. Although the title selection procedure represents a departure from the ANSI Z39.20-1983 standard, which recommends that all new titles meeting the criteria be included, LMPIC's emphasis on historical perspective justifies the selection methodology used in this study.

Subscription price information for the 1991 subscription year is derived from the Faxon online title subscription rate file as of January 31, 1991. The price information used is that which is established by the publishers for U.S. libraries. Annual subscription prices used in this study are publishers' list prices, and exclude all related Faxon service charges as well as publisher discounts to Faxon. The 1991 subscription prices for 40 titles that were included in this study but not available through Faxon because of publisher policy were obtained directly from the publishers by telephone inquiry.

A total of 161 titles included in the 1990 price index study were dropped from the 1991 study for one or more of the following:

- suspended publication;
- subscription pricing variance;
- title no longer available on a subscription basis;
- title available free from publisher;
- delayed or slow publication;
- title no longer published in the United States;
- title no longer conforms to the standard definition of a periodical due to changes in publication pattern.

Replacement titles for those 161 dropped from the 1991 price index sample were selected on a title-by-title basis from the same subject category as those titles that were dropped. In situations where more than one possible replacement title was identified, those titles with the greatest number of Faxon-placed subscriptions were selected for inclusion in the 1990 study.

The number of titles dropped and subsequently replaced this year is significantly higher than in previous years. The most common reason for dropped titles this year appears to be that they were discontinued, but there is no single factor that we can identify to explain the higher total of dropped titles in 1991.

Replacement titles were identified using *Ulrich's International Periodicals Directory, 1990–1991*, *LJ*'s Magazines column, and *The Utne Reader*. The Faxon online database was consulted for information related to publications undergoing changes in title or country of publication. Library of Congress classification, title, date of first issue, publisher, country of publication, and place of publication for each replacement title were verified in the MARC-S database maintained in the Faxon online system.

The average annual subscription prices and the price indexes for each subject category were computed using the methodology specified in the ANSI Z39.20-1983 standard. This procedure involves the following:

- For each of the 25 subject categories, the total annual subscription price is divided by the number of titles in the category to determine an average price by category.
- Each average subscription price for the current year is divided by the average price in that subject category for the base year (1977) and then multiplied by 100 to arrive at the current price index for each category.

The authors wish to acknowledge with gratitude the able assistance of the following Faxon staff in generating and tabulating data for this report: Barbara Celeste, Robert Davidson, Valerie Green, Veronica Kennedy, Jeanne Lestan, Linda Medeiros, and Ann Scherma.

Table III: Average of Annual Subscription Price Percent Change by Broad Subject Category 1982–1991 (Excluding Soviet Translations)

Category	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	Change
GENERAL INTEREST & CHILDREN'S PERIODICALS											
General Interest	9.6	10.4	5.6	-5.3	2.0	3.1	1.8	5.0	5.2	3.2	4.1
Children's	15.7	16.1	6.3	9.0	3.4	10.4	7.8	3.4	3.3	5.0	8.0
HUMANITIES											
Fine & Applied Arts	13.8	7.8	6.9	0.5	4.6	8.1	6.0	8.1	5.2	4.7	6.6
Literature & Language	12.1	9.3	8.6	5.0	4.2	4.0	7.0	4.9	4.1	7.7	6.7
Philosophy & Religion	16.4	12.8	8.6	10.8	2.3	3.0	5.8	5.6	7.5	7.0	8.0
SOCIAL SCIENCES											
Business & Economics	13.1	9.2	9.0	14.3	6.2	6.9	6.9	7.5	9.2	12.1	9.4
Education	11.9	11.3	8.5	11.2	7.0	7.0	10.7	7.3	9.5	10.8	9.5
History	13.4	10.1	5.6	7.9	1.9	6.1	9.1	7.0	10.0	8.0	7.9
Journalism	13.8	10.3	5.0	17.4	3.2	6.6	5.4	8.9	4.7	3.2	7.9
Labor & Industrial Relations	14.0	18.2	2.2	16.3	6.9	4.1	14.0	15.0	4.1	9.2	10.4
Law	11.0	7.7	5.6	12.2	3.7	9.3	8.8	6.2	9.4	5.9	8.0
Library & Information Sciences	17.7	9.5	5.8	4.7	5.3	13.1	6.6	5.5	5.3	9.4	8.3
Physical Education & Recreation	9.7	12.8	7.7	15.5	5.3	6.8	7.2	5.4	6.8	7.6	8.5
Political Science	14.1	11.9	11.9	0.9	7.5	13.5	4.0	8.4	10.3	6.3	8.9
Psychology	14.7	9.4	17.6	9.5	9.7	10.0	9.3	13.9	9.4	8.0	11.2
Sociology & Anthropology	16.0	11.4	8.2	16.0	10.7	7.1	6.6	3.8	16.3	14.3	11.0
SCIENCE & TECHNOLOGY											
Agriculture	14.4	7.6	13.1	8.3	10.2	8.4	7.8	9.1	15.9	-0.2	9.5
Chemistry & Physics	13.8	16.9	10.1	4.2	10.7	11.4	12.2	11.5	12.1	14.6	11.8
Engineering	12.8	18.9	7.5	7.2	9.8	11.7	11.0	11.8	8.2	15.3	11.4
Home Economics	25.3	4.1	4.1	10.5	11.1	6.8	12.5	11.3	5.8	14.9	10.6
Industrial Arts	19.9	6.3	5.4	15.4	13.3	4.3	6.6	10.2	12.3	11.5	10.5
Mathematics, etc.	16.4	10.5	9.6	9.7	11.1	12.4	9.1	8.7	8.7	11.3	10.8
Medicine	19.1	9.6	11.4	9.8	10.0	11.6	6.7	10.3	9.4	14.7	11.3
Zoology	26.4	15.8	10.8	15.8	13.3	9.8	12.8	11.6	8.2	12.2	13.7
U.S. PERIODICALS INDEX Excluding Soviet Translations	14.5	12.1	9.4	8.6	8.9	9.9	9.1	9.5	9.5	11.7	10.3

Between 1980 and 1987, in fact, the rate of increase was less than ten percent only in 1985.

Chart A compares the U.S. Periodical Price Index (USPPI) to the U.S. Consumer Price Index (CPI) and the Higher Education Price Index (HEPI).[2] As in previous years, average periodical prices for 1990 continued to outpace the CPI by a substantial margin (almost two-fold). For the purposes of this study, the CPI is recalculated by a base year of 1977 in order to provide a common base, for historical comparison.[3]

Table IV: Breakdown of Mathematics, etc. Category

Subcategory	No. of Titles			Average Price			% Increase		
	1989	1990	1991	1989	1990	1991	1989	1990	1991
Mathematics	74	76	82	$232.56	$251.99	$268.65	7.6	8.4	6.6
Earth Sciences (incl. Geography titles)	63	61	59	116.29	129.00	143.40	9.5	10.9	11.2
Life Sciences	44	44	44	261.16	276.17	297.41	6.9	5.7	7.7
Botanical Sciences	29	29	26	84.86	93.31	112.12	10.4	10.0	20.2
General Science (incl. Astronomy titles)	28	28	27	97.75	104.07	130.10	15.1	6.5	25.0
Total	238	238	238	173.21	188.20	209.55	8.7	8.7	11.3

The 1991 data

Table I provides a ranking of average periodical prices for each of the 25 subject categories included in this survey. As with the previous three years, the Soviet Translations category carries the highest average price in 1991. At $742.86, it is 57 percent higher than the second most expensive category, Chemistry and Physics. For this reason, this study always includes two overall average periodical prices: one including the Soviet Translations titles and one excluding them.

Table I shows little change in 1991 in the rank order by price of the subject categories over the previous three years. The order of the top eight categories is identical in each of the four years shown, while the top seven categories have remained in the same rank order since at least 1983.[4]

Table II ranks the average price in each subject category by percent of price change from the previous year. Engineering titles in 1991 jumped from position 12 on this list to number one, with an increase of 15.3 percent, almost double their rate of increase between 1989 and 1990. Home Economics titles were in second place with an increase in price of 14.9 percent, moving up from position 15 (5.8 percent) in order in 1990.

Altogether, ten of the categories experienced price increases of ten percent or more in 1991. Three of these categories were social sciences, while the other seven were in the pure and applied sciences.

The biggest change in Table II, however, was in the position of Agriculture titles. This category had been in the top half of the rankings during the past three years, having moved from ninth position to second position between 1989 and 1990, with an increase in average price of 15.9 percent, the largest increase in last year's study. For 1991, Agriculture has fallen to the bottom of Table II, with a net *decrease* in average price of 0.2 percent. Only four titles in this category were replaced in 1991, reducing the likelihood that this decrease was a result of changes in the sample.

Table III charts changes in annual percent increases since 1982 by subject category. The last column of the table shows an average annual percent increase for the ten-year period. The data presented here confirm previous studies that show that the average rate of increase for science titles over the past ten years has outpaced that of the social sciences and humanities. During the period shown, seven of the eight science categories had average annual increases exceeding ten percent.

Table IV provides a three-year breakdown of the "Mathematics, Etc." category into five more specific subcategories. In terms of average price, this category has been dominated during the three-year period by Mathematics ($268.65 in 1991) and Life Sciences ($297.41 in 1991). From the standpoint of rate of increase, however, the two dominant subjects in 1991 were Botanical Sciences, which showed a 20.2 percent price increase, and General Sciences, with an increase of 25 percent.

A three-year increase comparison

Table V examines each subject category in terms of the proportion of titles in each that increased in price each year between 1989 and 1991. For the second year in a row, Soviet Translations led this list with 95 percent of those titles increasing in price (99 percent in 1990). This was the only category with more than 90 percent of its titles costing more in 1991, but Medicine and Chemistry & Physics were close behind with proportions of 87 percent and 85 percent, respectively. The next closest category in this ranking was Mathematics, Etc. at 68 percent.

Table VI is a detailed analysis of average price and percent increase by single- and two-letter Library of Congress subject classification for 1989–1991. The highest average prices in 1991 were in Physics (QC) at $659.16, and Chemistry (QD) at $633.64; the lowest average prices for 1991 were in English and American literature (PR, PS) at $24.29, and Military & Naval Science (U, V) at $27.36. The rate of increase was highest in 1991 for Transportation and Communication (HE) at 33.4 percent; the lowest rate was in General Technology (T), with a net *decrease* of 12.5 percent.

Table VII compares average price and rate of price increase for each of the 25 subject categories, while also indexing prices to the 1977 base year. In ten categories, the USPPI has risen to 400 or above, indicating an increase in price of more than 400 percent since 1977. Three of those ten categories, Chemistry & Physics, Labor & Industrial Relations, and Zoology, show increases of 500 percent or more in that time period. Overall, the price index for all titles in the USPPI sample exceeded the 400 mark in 1991 for the first time.

Chart A: Price Index Comparison (CPI, HEPI, USPPI)

	Index						% Increase Over Previous Year			
	CPI 1977	CPI 1967	CPI 1982–84	HEPI 76/77	USPI excl. Sov. Trans.	USPI incl. Sov. Trans.	CPI	HEPI	USPI excl. Sov. Trans.	USPI incl. Sov. Trans.
1986	180.9	328.4	110.5	199.7	264.3	261.5	1.9	4.6	8.9	8.2
1987	187.5	340.4	115.4	207.9	290.4	288.3	3.7	4.2	9.9	10.3
1988	195.2	354.3	120.5	217.1	316.9	315.5	4.1	4.4	9.1	9.4
1989	204.6	371.3	126.1	229.9	347.2	341.3	4.8	5.9	9.5	8.2
1990	215.6	391.4	130.7	243.7	380.0	373.3	5.4	6.0	9.5	9.4
1991	n/a	n/a	n/a	n/a	424.4	414.5	n/a	n/a	11.7	11.1

Table V: Percentage of Titles Increasing in Price by Subject Category 1989–1991

Category	1989	1990	1991	Average
Agriculture	28	33	37	35
Business & Economics	39	37	48	43
Chemistry & Physics	85	85	85	85
Children's Periodicals	37	33	31	32
Education	52	47	44	46
Engineering	58	51	55	53
Fine & Applied Arts	35	30	37	34
General Interest Periodicals	33	31	29	30
History	30	28	28	28
Home Economics	41	37	41	39
Industrial Arts	53	44	42	43
Journalism & Communications	42	31	46	39
Labor & Industrial Relations	40	31	41	36
Law	30	29	31	30
Library & Information Sciences	31	42	50	46
Literature & Language	34	33	40	37
Mathematics, etc.	59	56	68	62
Medicine	77	71	87	79
Philosophy & Religion	29	34	32	33
Physical Education & Recreation	34	28	31	30
Political Science	46	39	42	41
Psychology	69	72	62	67
Sociology & Anthropology	34	59	62	61
Soviet Translations	55	99	95	97
Zoology	59	41	55	48
U.S. Periodicals Index Excluding Soviet Translations	46	44	48	46
U.S. Periodicals Index Including Soviet Translations	46	47	50	49

Table VI: 1991 Average Prices by Library of Congress Classification Codes
U.S. Periodicals
(Including Soviet Translations)

Classification code		No. of Titles 1991	No. of Titles 1990	No. of Titles 1989	Average Price 1991	Average Price 1990	Average Price 1989	Percent Increase 1991/1990	Percent Increase 1990/1989	Percent Increase 1989/1988
A	General Works	121	112	118	$29.26	$24.47	$23.07	19.6	6.1	-0.1
B	Philosophy, Psychology, Religion	213	209	210	64.68	59.21	55.47	9.2	6.7	13.6
B-BD, BJ	Philosophy	51	39	39	51.24	53.71	50.42	-4.6	6.5	3.7
BF	Psychology	79	77	77	111.85	105.01	98.87	6.5	6.2	19.9
BL-BX	Religion	83	93	94	28.05	23.61	22.02	18.8	7.2	4.6
C	Auxiliary Sciences of History	14	13	13	47.00	42.62	37.85	10.3	12.6	-2.3
D	History: General & Old World	66	66	66	47.78	45.64	42.03	4.7	8.6	7.9
E-F	History: America	114	119	119	28.84	26.24	24.71	9.9	6.2	6.6
G	Geography, Anthropology, Recreation	160	156	157	72.74	65.14	59.02	11.7	10.4	4.6
G-GC	Geography, Oceanography	33	32	35	174.27	162.15	136.78	7.5	18.5	6.0
GN	Anthropology	21	20	19	98.38	85.50	77.26	15.1	10.7	6.5
GV	Recreation	96	95	94	31.52	29.54	27.98	6.7	5.6	4.4
	All other G codes	10	9	9	79.60	50.67	42.33	57.1	19.7	2.3
H	Social Sciences	570	569	572	76.94	69.42	62.86	10.8	10.4	7.5
H	General	31	29	29	70.79	72.21	66.00	-2.0	9.4	12.1
HB-HC	Economic theory, hist. & cond.	49	50	50	95.45	88.32	82.06	8.1	7.6	7.6
HD	Land, Agriculture, Industry	127	126	130	62.37	55.70	52.28	12.0	6.5	6.4
HE	Transportation & Communication	29	29	29	54.95	41.19	39.36	33.4	4.7	2.7
HF	Commerce	97	96	99	65.76	57.98	53.82	13.4	7.7	9.9
HG-HJ	Finance, Public finance	75	76	76	79.77	69.91	61.72	14.1	13.3	8.4
HM	Sociology (General)	29	30	28	128.14	114.62	100.93	11.8	13.6	6.8
HQ	Family, Marriage, Woman	46	46	43	98.25	83.45	78.86	17.7	5.8	0.9
HV	Social/public welfare, Criminology	52	50	47	90.86	86.30	73.41	5.3	17.6	9.1
	All other H codes	35	37	41	61.37	63.92	56.54	-4.0	13.1	11.5
J	Political Science	78	79	77	59.79	55.37	50.08	8.0	10.6	9.8
K	Law	269	268	265	55.46	52.01	47.45	6.6	9.6	6.7
L	Education	185	184	182	59.57	52.92	49.20	12.6	7.6	9.0
M	Music	37	38	38	34.64	32.52	31.00	6.5	4.9	8.0
N	Fine Arts	78	79	76	39.45	37.88	36.43	4.2	4.0	6.4
P	Language and literature	223	224	223	37.99	35.85	34.74	6.0	3.2	7.2
P	Philology & linguistics	17	18	20	73.76	63.94	57.65	15.4	10.9	7.5
PN	Literary history	113	116	113	39.58	37.15	36.69	6.5	1.3	8.0
PR-PS	English literature, American literature	45	41	41	24.29	23.77	22.90	2.2	3.8	6.4
	All other P codes	48	49	49	34.41	32.55	30.80	5.7	5.7	4.3
Q	Science	595	589	588	426.24	380.96	346.68	11.9	9.9	8.3
Q	Science (General)	40	37	37	168.30	145.86	134.50	15.4	8.4	12.8
QA	Mathematics	116	112	108	360.45	323.92	297.69	11.3	8.8	6.3
QB	Astronomy	16	16	16	404.56	364.83	336.50	10.9	8.4	6.1
QC	Physics	97	99	101	659.16	580.56	521.71	13.5	11.3	8.1
QD	Chemistry	78	79	80	633.64	553.14	493.44	14.6	12.1	7.3
QE	Geology	28	28	29	232.32	211.68	188.59	9.8	12.2	6.0
QH	Natural History (incl. General Biology)	80	81	81	422.62	385.42	352.26	9.7	9.4	6.9
QK	Botany	18	19	19	155.00	137.21	125.63	13.0	9.2	6.2
QL	Zoology	53	53	53	283.78	236.23	208.48	20.1	13.3	9.7
QP	Physiology	49	45	44	388.90	352.84	332.55	10.2	6.1	14.4
QR	Microbiology	20	20	20	401.50	377.25	355.05	6.4	6.3	3.6
R	Medicine	271	279	277	155.41	139.26	127.48	11.6	9.2	9.4
R	Medicine (General)	28	36	36	176.96	143.31	134.18	23.5	6.8	8.4
RA	Public aspects of medicine	38	34	34	123.68	135.90	123.25	-9.0	10.3	7.1
RC	Internal medicine	107	110	108	160.05	140.15	128.61	14.2	9.0	8.1
RD	Surgery	22	22	22	136.18	120.18	113.00	13.3	6.4	12.9
RM	Therapeutics, Pharmacy	18	20	20	161.67	134.05	120.73	20.6	11.0	10.0
	All other R codes	58	57	57	162.59	146.19	131.57	11.2	11.1	12.4
S	Agriculture	213	215	216	62.42	57.07	52.57	9.4	8.6	13.2
S	Agriculture (General)	70	70	71	71.60	67.17	59.29	6.6	13.3	9.4
SB	Plant culture	45	46	47	62.01	53.85	49.47	15.1	8.8	6.1
SF	Animal culture	73	72	72	41.61	38.77	37.31	7.3	3.9	10.1
	All other S codes	25	27	26	98.21	85.16	82.09	15.3	3.7	35.7
T	Technology	586	591	592	177.43	160.17	147.44	10.8	8.6	8.7
T	Technology (General)	28	28	29	103.89	118.75	113.26	-12.5	4.8	9.5
TA	Engineering, Civil engineering	85	74	72	263.17	251.45	228.90	4.7	9.9	4.5
TD	Environmental tech., Sanitary eng.	23	24	27	176.48	152.02	121.72	16.1	24.9	13.0
TH	Building construction	26	27	26	78.76	64.77	59.26	21.6	9.3	5.6
TJ	Mechanical engineering & machinery	52	57	58	260.58	233.46	213.58	11.6	9.3	9.7
TK	Electricrical eng., Electronics	62	60	58	204.19	188.58	180.03	8.3	4.7	9.8
TL	Motor vehicle, Aeronautics, Astronautics	28	29	30	90.85	83.46	74.58	8.9	11.9	10.3
TN	Mining engineering, Metallurgy	40	41	41	312.90	242.33	273.55	29.1	-11.4	6.1
TP	Chemical technology	77	83	85	268.24	229.57	211.36	16.8	8.6	11.2
TS	Manufactures	65	65	63	84.82	67.36	62.78	25.9	7.3	7.8
TT	Handicrafts, Arts & Crafts	31	31	32	26.76	25.15	24.58	6.4	2.3	7.8
TX	Home Economics	39	42	41	51.73	53.01	48.92	-2.4	8.4	15.5
	All other T codes	30	30	30	76.86	68.30	56.63	12.5	20.6	8.3
U-V	Military Science, Naval Science	25	23	22	27.36	24.76	23.39	10.5	5.9	-10.7
Z	Bibliography, Library Science	130	129	131	77.30	69.08	64.72	19.4	11.9	6.7

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4. Horn, Judith G. & Rebecca T. Lenzini, "Price Indexes for 1985: U.S. Periodicals," *LJ*, Aug. 1985, p. 53–58; Knapp, Leslie C. & Rebecca T. Lenzini, "Price Indexes for 1987: U.S. Periodicals," *LJ*, Apr. 15, 1987, p. 39–44.

Table VII: U.S. Periodicals: 1977–1991
Index of 100.0 Equivalent to Average Prices for 1977
Parenthetical information applies to 199₁

Year	No. of Titles	Average Price	Percent Increase	Index
U.S. PERIODICALS Excluding Soviet Translations (161 titles dropped; 161 added; 48% of the titles increased in price)				
1977	3,218	24.59	--	100.0
1983	3,674	50.23	12.1	204.3
1984	3,731	54.97	9.4	223.5
1985	3,731	59.70	8.6	242.8
1986	3,731	65.00	8.9	264.3
1987	3,731	71.41	9.9	290.4
1988	3,731	77.93	9.1	316.9
1989	3,731	85.37	9.5	347.2
1990	3,731	93.45	9.5	380.0
1991	3,731	104.36	11.7	424.4
U.S. PERIODICALS Including Soviet Translations (161 titles dropped; 161 added; 50% of the titles increased in price)				
1977	3,418	33.42	--	100.0
1983	3,881	65.74	12.0	196.7
1984	3,942	72.47	10.2	216.8
1985	3,942	80.78	11.5	241.7
1986	3,942	87.38	8.2	261.5
1987	3,942	96.36	10.3	288.3
1988	3,942	105.45	9.4	315.5
1989	3,942	114.07	8.2	341.3
1990	3,942	124.74	9.4	373.3
1991	3,942	138.53	11.1	414.5
AGRICULTURE (3 titles dropped; 3 added; 37% of the titles increased in price)				
1977	138	11.58	--	100.0
1983	150	21.27	7.6	183.7
1984	153	24.06	13.1	207.8
1985	153	26.05	8.3	225.0
1986	153	28.71	10.2	248.0
1987	153	31.14	8.4	268.9
1988	153	33.56	7.8	289.8
1989	153	36.62	9.1	316.2
1990	153	42.43	15.9	366.4
1991	153	42.36	-0.2	365.8
BUSINESS & ECONOMICS (8 titles dropped; 8 added; 48% of the titles increased in price)				
1977	236	18.62	--	100.0
1983	257	35.67	9.2	191.6
1984	262	38.87	9.0	208.8
1985	262	44.41	14.3	238.5
1986	262	47.15	6.2	253.2
1987	262	50.39	6.9	270.6
1988	262	53.89	6.9	289.4
1989	262	57.93	7.5	311.1
1990	262	63.25	9.2	339.7
1991	262	70.87	12.1	380.6
CHEMISTRY & PHYSICS (3 titles dropped; 3 added; 85% of the titles increased in price)				
1977	135	93.76	--	100.0
1983	167	207.94	16.9	221.8
1984	170	228.90	10.1	244.1
1985	170	238.43	4.2	254.3
1986	170	264.05	10.7	281.6
1987	170	294.05	11.4	313.6
1988	170	329.99	12.2	352.0
1989	170	367.99	11.5	392.5
1990	170	412.66	12.1	440.1
1991	170	472.84	14.6	504.3
CHILDREN'S PERIODICALS (5 titles dropped; 5 added; 31% of the titles increased in price)				
1977	67	5.82	--	100.0
1983	78	11.49	16.1	197.4
1984	78	12.21	6.3	209.8
1985	78	13.31	9.0	228.7
1986	78	13.76	3.4	236.4
1987	78	15.19	10.4	239.7
1988	78	16.39	7.8	281.5
1989	78	16.95	3.4	291.2
1990	78	17.51	3.3	300.9
1991	78	18.38	5.0	315.8
EDUCATION (11 titles dropped; 11 added; 44% of the titles increased in price)				
1977	168	17.54	--	100.0
1983	199	31.36	11.3	178.8
1984	203	34.01	8.5	193.9
1985	203	37.81	11.2	215.6
1986	203	40.47	7.0	230.7
1987	203	43.30	7.0	246.9
1988	203	47.95	10.7	273.4
1989	203	51.43	7.3	293.2
1990	203	56.33	9.5	321.2
1991	203	62.43	10.8	355.9
ENGINEERING (14 titles dropped; 14 added; 55% of the titles increased in price)				
1977	235	35.77	--	100.0
1983	265	73.18	18.9	204.6
1984	265	78.70	7.5	220.0
1985	265	84.38	7.2	235.9
1986	265	92.66	9.8	259.0
1987	265	103.49	11.7	289.3
1988	265	114.83	11.0	321.0
1989	265	128.37	11.8	358.9
1990	265	138.84	8.2	388.2
1991	265	160.13	15.3	447.7
FINE & APPLIED ARTS (4 titles dropped; 4 added; 37% of the titles increased in price)				
1977	141	13.72	--	100.0
1983	145	25.17	7.8	183.5
1984	145	26.90	6.9	196.1
1985	145	27.03	0.5	197.0
1986	145	28.28	4.6	206.1
1987	145	30.58	8.1	222.9
1988	145	32.43	6.0	236.3
1989	145	35.07	8.1	255.6
1990	145	36.89	5.2	268.9
1991	145	38.61	4.7	281.4
GENERAL INTEREST PERIODICALS (9 titles dropped; 9 added; 29% of the titles increased in price)				
1977	161	16.19	--	100.0
1983	177	26.43	10.4	163.2
1984	181	27.90	5.6	172.3
1985	181	26.41	-5.3	163.1
1986	181	26.95	2.0	166.4
1987	181	27.79	3.1	171.7
1988	181	28.29	1.8	174.7
1989	181	29.69	5.0	183.4
1990	181	31.24	5.2	193.0
1991	181	32.25	3.2	199.2
HISTORY (5 titles dropped; 5 added; 28% of the titles increased in price)				
1977	138	12.64	--	100.0
1983	151	22.43	10.1	177.5
1984	151	23.68	5.6	187.3
1985	151	25.55	7.9	202.1
1986	151	26.04	1.9	206.0
1987	151	27.64	6.2	218.7
1988	151	30.16	9.1	238.6
1989	151	32.27	7.0	255.3
1990	151	35.51	10.0	281.0
1991	151	38.35	8.0	303.4
HOME ECONOMICS (4 titles dropped; 4 added; 41% of the titles increased in price)				
1977	74	18.73	--	100.0
1983	88	35.68	4.1	190.5
1984	90	37.15	4.1	198.3
1985	90	41.04	10.5	219.1
1986	90	45.59	11.1	243.4
1987	90	48.67	6.8	259.9
1988	90	54.73	12.5	292.2
1989	90	60.92	11.3	325.3
1990	90	64.49	5.8	344.3
1991	90	74.11	14.9	395.7

Table VII (Continued)

INDUSTRIAL ARTS
(4 titles dropped; 4 added; 42% of the titles increased in price)

Year	No. of Titles	Average Price	Percent Increase	Index
1977	87	14.37	--	100.0
1983	104	28.83	6.3	200.6
1984	106	30.40	5.4	211.6
1985	106	35.09	15.4	244.2
1986	106	39.75	13.3	276.6
1987	106	41.45	4.3	288.4
1988	106	44.20	6.6	307.6
1989	106	48.68	10.2	338.8
1990	106	54.69	12.3	380.6
1991	106	60.96	11.5	424.2

JOURNALISM & COMMUNICATIONS
(4 titles dropped; 4 added; 46% of the titles increased in price)

Year	No. of Titles	Average Price	Percent Increase	Index
1977	85	16.97	--	100.0
1983	88	37.39	10.3	220.3
1984	90	39.25	5.0	231.3
1985	90	46.08	17.4	271.5
1986	90	47.54	3.2	280.1
1987	90	50.66	6.6	298.5
1988	90	53.39	5.4	314.6
1989	90	58.13	8.9	342.6
1990	90	60.85	4.7	358.6
1991	90	62.81	3.2	370.1

LABOR & INDUSTRIAL RELATIONS
(4 titles dropped; 4 added; 41% of the titles increased in price)

Year	No. of Titles	Average Price	Percent Increase	Index
1977	61	11.24	--	100.0
1983	69	29.22	18.2	260.0
1984	70	29.87	2.2	265.7
1985	70	34.75	16.3	309.2
1986	70	37.14	6.9	330.4
1987	70	38.65	4.1	343.9
1988	70	44.06	14.0	392.0
1989	70	50.65	15.0	450.6
1990	70	52.74	4.1	469.2
1991	70	57.59	9.2	512.4

LAW
(2 titles dropped; 2 added; 31% of the titles increased in price)

Year	No. of Titles	Average Price	Percent Increase	Index
1977	229	17.36	--	100.0
1983	267	29.66	7.7	170.9
1984	273	31.31	5.6	180.4
1985	273	35.13	12.2	202.4
1986	273	36.44	3.7	209.9
1987	273	39.82	9.3	229.4
1988	273	43.33	8.8	249.6
1989	273	46.01	6.2	265.0
1990	273	50.32	9.4	289.8
1991	273	53.30	5.9	307.0

LIBRARY & INFORMATION SCIENCES
(4 titles dropped; 4 added; 50% of the titles increased in price)

Year	No. of Titles	Average Price	Percent Increase	Index
1977	89	16.97	--	100.0
1983	117	36.72	9.5	216.4
1984	118	38.85	5.8	228.9
1985	118	40.66	4.7	239.6
1986	118	42.82	5.3	252.4
1987	118	48.42	13.1	285.3
1988	118	51.61	6.6	304.1
1989	118	54.45	5.5	320.8
1990	118	57.34	5.3	337.9
1991	118	62.73	9.4	369.6

LITERATURE & LANGUAGE
(4 titles dropped; 4 added; 40% of the titles increased in price)

Year	No. of Titles	Average Price	Percent Increase	Index
1977	138	11.82	--	100.0
1983	157	21.19	9.3	179.3
1984	158	23.02	8.6	194.8
1985	158	24.18	5.0	204.6
1986	158	25.21	4.2	213.3
1987	158	26.21	4.0	221.7
1988	158	28.04	7.0	237.3
1989	158	29.41	4.9	248.8
1990	158	30.63	4.1	259.1
1991	158	32.99	7.7	279.1

MATHEMATICS, BOTANY, GEOLOGY, & GENERAL SCIENCE
(7 titles dropped; 7 added; 68% of the titles increased in price)

Year	No. of Titles	Average Price	Percent Increase	Index
1977	185	47.13	--	100.0
1983	228	97.26	10.5	206.4
1984	238	106.56	9.6	226.1
1985	238	116.93	9.7	248.1
1986	238	129.95	11.1	275.7
1987	238	146.08	12.4	310.0
1988	238	159.33	9.1	338.1
1989	238	173.21	8.7	367.5
1990	238	188.19	8.7	399.3
1991	238	209.55	11.3	444.6

MEDICINE
(3 titles dropped; 3 added; 87% of the titles increased in price)

Year	No. of Titles	Average Price	Percent Increase	Index
1977	172	51.31	--	100.0
1983	177	112.72	9.6	219.7
1984	182	125.57	11.4	244.7
1985	182	137.92	9.8	268.8
1986	182	151.77	10.0	295.8
1987	182	169.36	11.6	330.1
1988	182	180.67	6.7	352.1
1989	182	199.22	10.3	388.3
1990	182	217.87	9.4	424.6
1991	182	249.94	14.7	487.1

PHILOSOPHY & RELIGION
(1 title dropped; 1 added; 32% of the titles increased in price)

Year	No. of Titles	Average Price	Percent Increase	Index
1977	107	10.89	--	100.0
1983	126	20.21	12.8	185.6
1984	130	21.94	8.6	201.5
1985	130	24.30	10.8	223.1
1986	130	24.85	2.3	228.2
1987	130	25.60	3.0	235.1
1988	130	27.09	5.8	248.8
1989	130	28.62	5.6	262.8
1990	130	30.76	7.5	282.5
1991	130	32.91	7.0	302.2

PHYSICAL EDUCATION & RECREATION
(6 titles dropped; 6 added; 31% of the titles increased in price)

Year	No. of Titles	Average Price	Percent Increase	Index
1977	130	10.00	--	100.0
1983	150	19.07	12.8	190.7
1984	151	20.54	7.7	205.4
1985	151	23.72	15.5	237.2
1986	151	24.78	5.3	249.8
1987	151	26.67	6.8	266.7
1988	151	28.60	7.2	286.0
1989	151	30.16	5.4	301.6
1990	151	32.20	6.8	322.0
1991	151	34.64	7.6	346.4

POLITICAL SCIENCE
(6 titles dropped; 6 added; 42% of the titles increased in price)

Year	No. of Titles	Average Price	Percent Increase	Index
1977	123	14.83	--	100.0
1983	136	28.97	11.9	195.3
1984	136	32.43	11.9	218.7
1985	136	32.72	0.9	220.6
1986	136	35.19	7.5	237.3
1987	136	39.95	13.5	269.4
1988	136	41.55	4.0	280.1
1989	136	45.03	8.4	303.6
1990	136	49.67	10.3	334.9
1991	136	52.81	6.3	356.1

PSYCHOLOGY
(3 titles dropped; 3 added; 62% of the titles increased in price)

Year	No. of Titles	Average Price	Percent Increase	Index
1977	110	31.74	--	100.0
1983	136	59.31	9.4	186.9
1984	138	69.74	17.6	219.7
1985	138	76.34	9.5	240.5
1986	138	83.71	9.7	263.7
1987	138	92.05	10.0	290.0
1988	138	100.57	9.3	316.8
1989	138	114.52	13.9	360.8
1990	138	125.31	9.4	394.8
1991	138	135.40	8.0	426.6

SOCIOLOGY & ANTHROPOLOGY
(7 titles dropped; 7 added; 62% of the titles increased in price)

Year	No. of Titles	Average Price	Percent Increase	Index
1977	128	19.68	--	100.0
1983	149	40.54	11.4	206.0
1984	149	43.87	8.2	222.9
1985	149	50.87	16.0	258.5
1986	149	56.31	10.7	286.1
1987	149	60.29	7.1	306.4
1988	149	64.27	6.6	326.6
1989	149	66.73	3.8	339.1
1990	149	77.61	16.3	394.4
1991	149	88.69	14.3	450.7

SOVIET TRANSLATIONS
(0 titles dropped; 0 added; 95% of the titles increased in price)

Year	No. of Titles	Average Price	Percent Increase	Index
1977	200	175.41	--	100.0
1983	207	341.04	14.4	194.4
1984	211	381.86	12.0	217.7
1985	211	453.47	18.8	258.5
1986	211	483.09	6.5	275.4
1987	211	537.54	11.3	306.4
1988	211	592.22	10.2	337.6
1989	211	621.70	5.0	354.4
1990	211	678.09	9.1	386.6
1991	211	742.80	9.5	423.5

ZOOLOGY
(0 titles dropped; 0 added; 55% of the titles increased in price)

Year	No. of Titles	Average Price	Percent Increase	Index
1977	81	33.69	--	100.0
1983	93	70.74	15.8	210.0
1984	94	78.35	10.8	232.6
1985	94	90.75	15.8	269.4
1986	94	102.83	13.3	305.2
1987	94	112.91	9.8	335.1
1988	94	127.33	12.8	378.0
1989	94	142.13	11.6	421.9
1990	94	153.78	8.2	456.5
1991	94	172.56	12.2	512.2

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Price Index for U.S. Serial Services

The 28th Annual Survey of U.S. Serial Services

By Andrew Shroyer

THIS IS THE 28th annual survey of U.S. Serial Services, a product of the American Library Association's Association for Library Collections and Technical Services (ALA/ALCTS) Library Materials Price Index Committee (LMPIC), working in conjunction with the Faxon Company.

The index was produced in accordance with the American National Standard for Library and Information Sciences and Related Publishing Practice—Library Materials—Criteria for Price Indexes (ANSI Z39.20-1983). In this standard, a U.S. Serials Service is defined as "a periodical publication that revises, cumulates, abstracts, or indexes information in a specific field on a regular basis by means of new or replacement issues, pages, or cards, intended to provide information otherwise not readily available."

More than half of the title price information for the survey sample comes from the Faxon serial subscription database. Still, pricing for over 600 order-direct titles had to be compiled manually from publisher lists, prices in the issues themselves, or (at last resort in some instances) from library subscription records. In addi-

Andrew Shroyer is Serial Acquisitions Librarian, University of California Library, Santa Barbara. I want to acknowledge the kind and energetic assistance of Mary Elizabeth Clack of the Harvard College Library in matters of procedure as well as in contributing some price information I had been unable to obtain; and the expert help of Robert Davidson of the Faxon Company in compiling data and meeting our mutual deadlines

1991

tion, several new titles were added to the sample to replace titles that had discontinued publication since the 27th survey.

The data as computed by Faxon indicate that the composite average price for a U.S. Serial Service (Table I) is $412.38 for 1991, a 9.3 percent increase over the 1990 average. Separate figures for the six subject areas (Tables II–VII) show that the title sample in the "Business" category underwent more increases than other categories, with an 11.7 percent average increase; and that the "Science & Technology" category follows with a 9.1 percent average increase. The most modest increases are in the "Government Documents" and "General & Humanities" categories, with 6.2 percent and 6.5 percent average increases over 1990, respectively.

The "Wilson Index" (Table VIII), compiled separately by the H.W. Wilson Company (on the basis of prices paid by subscribers, divided by the total number of subscribers), shows an average price of $262.97 for 1991 Wilson serial services, a 10.5 percent increase over 1990.

Revised figures for 1988–90 in the "Social Sciences" category will appear in next year's study, when the two titles mentioned in footnotes to Table VI are removed from each year's sample. Removal of these titles will result in an indication of net average increases in this category for 1990 over 1989, and 1989 over 1988 prices.

By decision of ALA/ALCTS, the title sample within the "Law" category will be substantially revised with next year's index, to remedy possible regional biases and disproportionate representation of certain publishers' titles in the current sample.

Table I: U.S. SERIALS SERVICES
(excluding "Wilson Index"; excluding Soviet Translations as of 1988)

Year	No. of Titles	Average Price*	Percent Increase	Index
1977	1,432	$142.27	--	100.0
1980	1,470	194.21	13.5	136.5
1981	1,477	219.75	13.2	154.5
1982	1,494	244.52	11.3	171.9
1983	1,525	274.72	12.4	182.1
1984	1,537	295.13	7.4	207.4
1985–87	n/a	n/a	n/a	n/a
1988	1,310	341.32	n/a	239.9
1989	1,308	363.20	6.4	255.3
1990	1,308	377.24	3.9	265.2
1991	1,307	412.38	9.3	289.9

Table II: BUSINESS

Year	No. of Titles	Average Price	Percent Increase	Index
1977	255	$216.28	--	100.0
1980	279	294.00	18.0	135.9
1981	271	343.29	16.8	158.7
1982	276	371.03	8.1	171.6
1983	286	417.83	12.6	193.2
1984	289	437.07	4.6	202.1
1985–87	n/a	n/a	n/a	n/a
1988	281	458.33	n/a	211.9
1989	281	493.23	7.6	228.1
1990	281	523.79	6.2	242.2
1991	281	584.93	11.7	270.5

Table III: GENERAL & HUMANITIES

Year	No. of Titles	Average Price	Percent Increase	Index
1977	113	$90.44	--	100.0
1980	118	124.28	4.6	137.4
1981	120	142.04	14.3	157.1
1982	119	160.03	12.7	176.9
1983	120	186.67	16.6	206.4
1984	122	196.55	5.3	217.3
1985–87	n/a	n/a	n/a	n/a
1988	116	225.95	n/a	249.8
1989	116	255.27	13.0	282.3
1990	116	274.39	7.5	303.4
1991	116	292.23	6.5	323.1

Table IV: LAW

Year	No. of Titles	Average Price	Percent Increase	Index
1977	229	$126.74	--	100.0
1980	248	184.38	16.2	145.5
1981	251	212.85	15.4	167.9
1982	256	232.61	9.3	183.5
1983	268	249.64	7.3	197.0
1984	272	275.23	10.3	217.2
1985–87	n/a	n/a	n/a	n/a
1988	265	338.13	n/a	266.8
1989	265	354.32	4.8	279.6
1990	264	390.98	10.3	308.5
1991	264	424.68	8.6	335.1

Table V: SCIENCE & TECHNOLOGY

Year	No. of Titles	Average Price	Percent Increase	Index
1977	297	$141.16	--	100.0
1980	288	191.35	10.0	135.6
1981	287	214.01	11.8	151.6
1982	286	229.98	7.5	162.9
1983	282	270.94	17.8	191.9
1984	281	295.36	9.0	209.2
1985–87	n/a	n/a	n/a	n/a
1988	302	378.37	n/a	268.0
1989	302	420.19	11.1	297.7
1990	303	443.36	5.5	314.1
1991	302	483.90	9.1	342.8

Table VI: SOCIAL SCIENCES

Year	No. of Titles	Average Price	Percent Increase	Index
1977	134	$145.50	--	100.0
1980	143	190.07	12.1	130.6
1981	144	215.12	13.2	147.8
1982	149	249.03	15.8	171.2
1983	159	266.43	7.0	183.1
1984	159	283.82	6.5	195.1
1985–87	n/a	n/a	n/a	n/a
1988*	156	441.67	n/a	303.6
1989**	156	418.14	-5.3	287.4
1990***	156	370.40	-11.4	254.6
1991	156	398.76	7.7	274.1

* The average price includes two expensive titles- "Leading National Advertiser Multi-Media Report Service" (LNAMMRS), $8750, and "LNA-PIB Magazine Service," $7300. If these titles were omitted, the average price would be $343.18.

** Average price includes "LNAMMRS," $4200, and "LNA-PIB," $7,885. If these titles were omitted, the average price would be $345.10.

*** The titles mentioned in the above notes were dropped since they are no longer sold to libraries. Without these, average prices would be: 1988 – 343.18; 1989 – 345.10 (+.5%); 1990 – 370.40 (+6.8%).

Table VII: U.S. DOCUMENTS

Year	No. of Titles	Average Price	Percent Increase	Index
1977	204	$62.88	--	100.0
1980	197	78.87	4.0	125.4
1981	200	84.48	7.1	134.4
1982	202	99.05	17.2	157.5
1983	203	101.24	2.2	161.0
1984	203	97.37	-3.8	154.9
1985–87	n/a	n/a	n/a	n/a
1988	190	101.88	n/a	162.0
1989	188	110.79	8.7	176.2
1990	188	101.45	-8.4	161.3
1991	188	107.74	6.2	171.3

Table VIII: WILSON INDEX

Year	No. of Titles	Average Price	Percent Increase	Index
1977	18	$87.51	--	100.0
1980	19	114.05	9.0	130.3
1981	19	122.30	7.2	139.8
1982	19	132.55	8.4	151.5
1983	19	139.93	5.6	159.9
1984	19	155.77	11.3	178.0
1985	19	176.98	13.6	202.2
1986	19	193.54	9.4	221.2
1987	19	203.59	5.2	232.6
1988	19	212.17	4.2	242.5
1989	19	225.21	6.1	257.4
1990	19	237.99	5.7	272.0
1991	19	262.97	10.5	300.5

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